### ToBackupCreatedPackagesandTestThemforStockManagement Application.

# SourceCode:-

## Pom.xml:-

<projectxmlns="https://maven.apache.org/POM/4.0.0"xmlns:xsi="[https://www.w3.org/2001/XMLSchema](http://www.w3.org/2001/XMLSchema-instance)-[instance](http://www.w3.org/2001/XMLSchema-instance)" xsi:schemaLocation="https://maven.apache.org/POM/4.0.0

https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<groupId>ATE-Phase2-Selenium-TestNG</groupId>

<artifactId>ATE-Phase2-Selenium-TestNG</artifactId>

<version>0.0.1-SNAPSHOT</version>

<dependencies>

<!--

https://mvnrepository.com/artifact/org.seleniumhq.selenium/sel enium-java -->

<dependency>

<groupId>org.seleniumhq.selenium</groupId>

<artifactId>selenium-java</artifactId>

<version>4.12.1</version>

</dependency>

<!--

https://mvnrepository.com/artifact/io.github.bonigarcia/webdri vermanager -->

<dependency>

<groupId>io.github.bonigarcia</groupId>

<artifactId>webdrivermanager</artifactId>

<version>5.4.1</version>

-->

</dependency>

<!--https://mvnrepository.com/artifact/org.testng/testng

<dependency>

<groupId>org.testng</groupId>

<artifactId>testng</artifactId>

<version>7.7.1</version>

<scope>test</scope>

</dependency>

<!--

https://mvnrepository.com/artifact/com.aventstack/extentreports-->

<dependency>

<groupId>com.aventstack</groupId>

<artifactId>extentreports</artifactId>

<version>5.0.9</version>

</dependency>

<!--

https://mvnrepository.com/artifact/org.apache.poi/poi-->

<dependency>

<groupId>org.apache.poi</groupId>

<artifactId>poi</artifactId>

<version>4.1.1</version>

</dependency>

<!--

https://mvnrepository.com/artifact/org.apache.poi/poi-ooxml-->

<dependency>

<groupId>org.apache.poi</groupId>

<artifactId>poi-ooxml</artifactId>

<version>4.1.1</version>

</dependency>

<!--

https://mvnrepository.com/artifact/org.apache.poi/poi-ooxml-schemas

-->

<dependency>

<groupId>org.apache.poi</groupId>

<artifactId>poi-ooxml-schemas</artifactId>

<version>4.1.1</version>

</dependency>

</dependencies>

</project>

## AmezonTest:-

**package**Amazon;

**import**org.openqa.selenium.By;

**import**org.openqa.selenium.WebDriver;

**import**org.openqa.selenium.WebElement;

**import**org.openqa.selenium.chrome.ChromeDriver;

**import**org.testng.Assert;

**import** org.testng.annotations.AfterTest; **import**org.testng.annotations.BeforeTest; **import** org.testng.annotations.Test;

**publicclass**AmazonTest{

**private**WebDriverdriver;

@BeforeTest

**publicvoid**setup(){

driver = **new** ChromeDriver(); driver.manage().window().maximize(); driver.get(["https://www.amazon.in/"](http://www.amazon.in/));

WebElementsign=driver.findElement(By.*id*("nav-link- accountList"));

sign.click();

WebElementemail=driver.findElement(By.*id*("ap\_email")); email.sendKeys("6306006966");

WebElement continuee = driver.findElement(By.*id*("continue"));

continuee.click();

WebElement password = driver.findElement(By.*id*("ap\_password"));

password.sendKeys("samrat@26");

WebElement signIn = driver.findElement(By.*id*("signInSubmit"));

signIn.click();

WebElement accountListAfterLogin = driver.findElement(By.*id*("nav-link-accountList"));

**boolean** isUserSignedIn = accountListAfterLogin.getText().contains("YourAccount");

**if** (isUserSignedIn) { System.***out***.println("SuccessfulSignin");

}**else**{

System.***out***.println("Invelidentry");

}

}

@Test

**publicvoid**searchProductAndCheckInventory(){

//Locatethesearchinputfieldandentertheproductname WebElement searchBox =

driver.findElement(By.*id*("twotabsearchtextbox")); searchBox.sendKeys("Laptop");

//Locatethesearchiconandclick

WebElementsearchIcon=driver.findElement(By.*id*("nav- search-submit-button"));

searchIcon.click();

//Waitforthesearchresultspagetoload(Youmightneed to enhance this wait strategy)

### try{

Thread.*sleep*(2000);

}**catch**(InterruptedExceptione){ e.printStackTrace();

}

//Assumingthefirstsearchresultistheproductpage WebElement firstSearchResult =

driver.findElement(By.*cssSelector*("div.s-main-slotdiv.s-asin:nth- child(1)"));

firstSearchResult.click();

//Waitfortheproductdetailspagetoload(Youmightneed to enhance this wait strategy)

### try{

Thread.*sleep*(2000);

}**catch**(InterruptedExceptione){ e.printStackTrace();

}

//Simulateextractingtheinventoryinformationfromthe web page

WebElement inventoryElement = driver.findElement(By.*id*("availability"));

StringinventoryText=inventoryElement.getText(); System.***out***.println("Inventory:"+inventoryText);

//Example:Assertthattheinventorytextcontainsthe expected quantity information

Assert.*assertTrue*(inventoryText.contains("InStock"));

//Youcanaddmoreassertionsbasedonyourapplication's actual behavior

}

@AfterTest

**publicvoid**tearDown(){

//Closethebrowser driver.quit();

}

}

Github Link:

<https://github.com/sunitha-hub/phase2_lesson2.git>